

Henry Gillman

63 Adams Avenue West,

Detroit, October 26, 1887.

My Dear Prof. Gray,

Since my return from Boston I have
been exceedingly busy so I should have written you sooner
this. I shall always remember with satisfaction
the pleasant time I enjoyed with you. — I enclose, as
promised, the seeds of *Amelanchier*, in connection with
which I wish to offer the following remarks, based on
material made by me last summer on Lake Superior.

1° *Amelanchier Canadensis*, var. *Polysepia*; — In
addition to your description I have only to say its fruit is
crimson, spherical, & smaller & less pleasant in flavor
than the next; usually turning purple when ripe, & so
decaying; slight bloom on fruit.

2° — var. *oblongifolia*; a smaller tree or shrub
from 6-10 feet high; agrees with your description. Fruit small,
spherical, & rich crimson or sulphur red; slight bloom on fruit.

I enclose seed.

3° — var. *trigonifolia*; shrub, 2-4 feet high;
3-4 flowers or more, but smaller than those of fruit not so
pleasant as the above, stronger flavor, elongated, being

as wide, very large, & a blue purple with a heavy
blow on it. The anthers are very large & your description.
(Enclose seed).

These are the ones and only ones I have found in
the region. They ripen fruit in July - August - 21st
Dec. Do you not consider them distinct species?

As to the *Corallorhiza*, since my association
with it I incline to think it something new, though
at first I considered it merely a variety of *m. stipitata*.
The fruit & flowers were decidedly pale yellow - nothing
pinkish about them; stem a manifest bulbous, stem
9' - 12' high, bulbous-thickened at the base. It
had also something inclining to a small tooth on each
side, at base of leaf. It grew on high ridges, in
shaded woods. I found it in two similar localities,
and it is the only *Corallorhiza* I found in the
region, except the mountain. The *M. stipitata* is common
in the Michigan. It may be a new species
connecting the *m. stipitata* & *Corallorhiza*. I hope
to find it again. Please make a note.

I found in July, for the second time
in Lake Umbagog, the *Botrychium lanceolatum*, & it
is a small form. It grew on high ridges
in shaded woods, a very different locality from the